

Recombinant

DGRmAb®

GARS1 (DGR36111) Rabbit mAb

db16346

Package : 10µL 20µL 50µL 100µL

Product Name : GARS1 (DGR36111) Rabbit mAb**Cat.No.:** db16346**Synonyms :** GARS; HMN5; CMT2D; DSMAV; GlyRS; HMN5A; HMND5; SMAD1; SMAJI**Application :** WB, IHC-P**Reactivity :** Human, Mouse, Rat**Host species :** Rabbit**Background**

This gene encodes glycyl-tRNA synthetase, one of the aminoacyl-tRNA synthetases that charge tRNAs with their cognate amino acids. The encoded enzyme is an (alpha)2 dimer which belongs to the class II family of tRNA synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]

Immunogen

A synthetic peptide of human GARS1

Gene ID

2617

Swiss Prot

P41250

Synonyms

GARS; HMN5; CMT2D; DSMAV; GlyRS; HMN5A; HMND5; SMAD1; SMAJI

Reactivity

Human, Mouse, Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100

Calculated MW

83 kDa

Observed MW

75 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR36111

Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.